

**Allegato 1 - Elenco degli insegnamenti Avviso di selezione n. 1431/2016**

Master	Codice Ins	Nome Insegnamento	Periodo di svolgimento dell'incarico	Ore incarico	Oggetto dell'incarico
Master di II livello in Space Exploration and Development Systems A.A. 2015/2016 - Torino	02PXTGU	Fundamentals of space sciences and techniques	09/01/2017-14/03/2017	12	Systems Tool Kit (STK). Specialized orbits. Ground tracks. Transfer trajectories. Mars trajectory
			09/01/2017-14/03/2017	22	Mission Analysis
			09/01/2017-14/03/2017	10	Space and Planetary Environment 1
			09/01/2017-14/03/2017	12	Space and Planetary Environment 2
	03PXUGU	Space management and utilization	09/01/2017-14/03/2017	10	Ergonomics aspects and flight crew interface design requirements of manned space habitats
			09/01/2017-14/03/2017	6	Quality Concept in Space, Product Assurance and relevant disciplines Root cause analysis concept , Human error prevention , Reliability and Safety Engineering Activity in Space , Normative reference
			09/01/2017-14/03/2017	2	PMP requirements
			09/01/2017-14/03/2017	2	PA Requirements
	01PXVGU	Space exploration systems I	09/01/2017-14/03/2017	6	Locomotion systems and design of planetary rovers
	02PXWGU	Space exploration systems II	09/01/2017-14/03/2017	10	Esercizi: Analisi Funzionale, Concetto Operativo, Stesura Requisiti e Analisi di Trade-off
			09/01/2017-14/03/2017	16	Functional and Physical Architecture, Launch System, Budgets, Concurrent Design Processes and MBSE
			09/01/2017-14/03/2017	14	Mission Definition, System Concept Definition, Exploration System Architecture, Risk Assessment
			09/01/2017-14/03/2017	4	Space systems Specifications and Verifications
			09/01/2017-14/03/2017	10 ore di tutoraggio	Design of Space Exploration Mission 1
			09/01/2017-14/03/2017	10 ore di tutoraggio	Design of Space Exploration Mission 2
	02PXXGU	Human space systems I	09/01/2017-14/03/2017	6	EDLS
			09/01/2017-14/03/2017	6	Computational re-entry flight mechanics
			09/01/2017-14/03/2017	4	Reentry Physics and vehicle Configuration
			09/01/2017-14/03/2017	6	Computational Aerodynamics & Aerothermodynamics
			09/01/2017-14/03/2017	2	Thermal Protection System
			09/01/2017-14/03/2017	4	Thermal Control System
			09/01/2017-14/03/2017	2	Componentistica fluidica Thermal Control System
	03PXYGU	Human space systems II	09/01/2017-14/03/2017	16	Environmental Control and Life Support 1
			09/01/2017-14/03/2017	16	Environmental Control and Life Support 2
	01RTAGU	Space telecommunications, GNC and avionics	09/01/2017-14/03/2017	18	Electrical Systems and EMC
			09/01/2017-14/03/2017	14	Space Telecommunications
			09/01/2017-14/03/2017	12	On-board command and data handling